Message

From: Michael Ritorto [mritorto@rouxinc.com]

Sent: 4/12/2018 10:43:28 PM

To: Cirian, Mike [Cirian.Mike@epa.gov]; Andrew Baris [abaris@rouxinc.com]

CC: Gunnar Emilsson [EmilssonGR@cdmsmith.com]; Dick Sloan [rsloan@mt.gov]; John.Stroiazzo@glencore.ca; Steve

Wright - CFAC [swright@cfaluminum.com]

Subject: RE: CFAC SAP comments

Thanks Mike, I'll make sure they are invited.

Michael Ritorto, P.G. - NY | Principal Hydrogeologist/Office Manager

209 Shafter Street, Islandia, NY 11749 Main: 631-232-2600 | Direct: 631-630-2370

Email: mritorto@rouxinc.com | Website: www.rouxinc.com



California | Illinois | Massachusetts | New Jersey | New York | Texas



🚜 Please consider the environment before printing this email.

NOTICE: This electronic communication, including any authorized attachments, contains information that may be legally privileged, protected, confidential and/or exempt from disclosure or certain types of use under applicable law. This information is for the sole use of the intended recipient(s). If you are not the intended recipient(s) or the employee or agent responsible for delivery of this message to the intended recipient(s), you are hereby notified that any review, use, disclosure, copying, distribution or the taking of any action in reliance on the contents of this e-mail or any attachments is strictly prohibited. You are further advised that review by an individual other than the intended recipient(s) shall not constitute a waiver of any attorney-client privilege which may apply to this communication. If you have received this communication in error, please notify the sender immediately by return e-mail, permanently delete this e-mail and any attachments from all computers on which they may be stored and destroy any print-outs of this e-mail and any attachments.

From: Cirian, Mike [mailto:Cirian.Mike@epa.gov]

Sent: Thursday, April 12, 2018 6:42 PM

To: Michael Ritorto <mritorto@rouxinc.com>; Andrew Baris <abaris@rouxinc.com>

Cc: Gunnar Emilsson < Emilsson GR@cdmsmith.com>; Dick Sloan < rsloan@mt.gov>; John.Stroiazzo@glencore.ca; Steve

Wright - CFAC <swright@cfaluminum.com>

Subject: FW: CFAC SAP comments

Below are Brian Sanchez' comments and Attached are David Berry's.

Please invite them to the call next week.

Mike

Mike Cirian, PE Libby On-site Project Manager US EPA 108 East 9th Street Libby, MT 59923 (406) 293-6194 Office Section 4.1, last sentence of 2nd paragraph: "...WP and BERA WP, the sampling design proposed for the Phase II Site Characterization includes a minimum of 8 to 10 observations (and most of the time more than 10) for each matrix evaluated in the exposure analysis." What are considered as the 8-10 "observations"? Is this 8-10 analytical values for each compound for each matrix at each site? 8-10 samples per exposure unit? Some clarification here would help.

Table 5: Total TAL Metals are included here, but not Dissolved TAL Metals. The inclusion of dissolved metals is referred to in Table 1 and in the text. Suggest including it in Table 5 as well.

Table 10: I don't believe that we will use groundwater data to evaluate ecological risk. This table may not be necessary.

Brian Sanchez
Superfund Technical Assistance Unit
U.S. EPA, Region 8
1595 Wynkoop Street
Denver, CO 80202

Phone: 303-312-6659